

2815

Image



Patent

Docket No.: VISH-8714

# Information Disclosure Statement Transmittal

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Date of Deposit:	12/22/03	Name of Person Making the Deposit:	Wuz Cash/16
		Signature of the Person Making the Deposit:	[Signature]

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Darwish et al. Group Art Unit: 2815

Filed: August 10, 2001 Examiner: Ortiz, Edgardo

Serial No.: 09/927,320

Title: TRENCH MIS DEVICE WITH REDUCED GATE-TO-DRAIN CAPACITANCE

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

### Information Disclosure Statement Transmittal

Transmitted herewith is the following:

- Formal drawings, totaling \_\_\_\_\_ sheets.
- Informal drawings, totaling \_\_\_\_\_ sheets.
- ☒ Certification for PTO Consideration
- ☒ Information Disclosure statement (1 sheet)
- Information Disclosure statement and late filing fee
- ☒ Form 1449
- Petition for Extension of Time
- Other: \_\_\_\_\_

Fee Calculation (for other than a small entity)					
Fee Items				Fee Rate	Total
Petition for Extension of Time (fee calculated elsewhere)				\$ .00	
Information Disclosure Statement, late filing				\$180.00	
Other:					
<b>Total Fees</b>					0.00

### PAYMENT OF FEES

- The full fee due in connection with this communication is provided as follows:
  - ☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
  - ☐ A check in the amount of \$
  - ☒ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

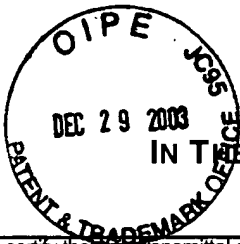
Date: \_\_\_\_\_

12/18/2007

By: \_\_\_\_\_



Anthony C. Murabito  
Reg. No. 35,295



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: VISH-8714

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Title: TRENCH MIS DEVICE WITH REDUCED GATE-TO-DRAIN CAPACITANCE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Certification for PTO Consideration of an Information Disclosure Statement  
(Under 37 CFR §1.97)

Consideration of the enclosed Information Disclosure Statement is requested.

1. This certification is being made for this information disclosure statement

- ☒ [ X ] accompanying this certification  
☐ [ ] Filed \_\_\_\_\_

2. I hereby certify that:

- ☒ X Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.  
☐ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, or, to the knowledge of the person signing certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement.

3. The person making this certification is

- ☒ [ x ] a person who is substantively involved in the preparation or prosecution of the application, and who is associated with the inventor, with the assignee, or with anyone to whom there is an obligation to assign the application (37 C.F.R. 1.56 (c)) and who signs below.  
☐ [ ] the inventor(s) who signs below  
☐ [ ] the practitioner who signs below on the basis of the information:  
☐ [ ] supplied by the inventors  
☐ [ ] supplied by an individual designated in § 1.56(c)  
☐ [ ] in the practitioners file

Please direct all correspondence concerning the above-identified application to the following address:

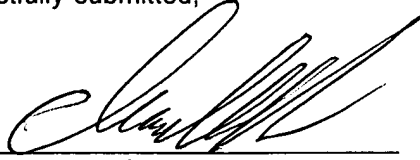
**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

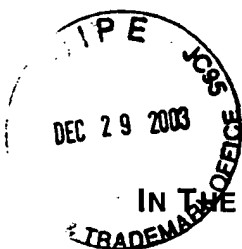
Date:

12/18/2003

By:



Anthony C. Murabito  
Reg. No. 35,295



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: VISH-8714

Inventor(s): Darwish et al.

Group Art Unit: 2815

Filed: August 10, 2001

Examiner: Ortiz, Edgardo

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Title: TRENCH MIS DEVICE WITH REDUCED GATE-TO-DRAIN CAPACITANCE

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Information Disclosure Statement Submitted Pursuant to 37 C.F.R. 1.97(b)

The citations referenced herein, copies attached, may be material to the examination of the above-identified application and are, therefore, submitted in compliance with the duty of disclosure as defined in 37 C.F.R. 1.56. The Examiner is requested to make these citations of official record in the application.

This Information Disclosure Statement submitted in accordance with 37 C.F.R. 1.97(b) is not to be construed as a representation that a search has been made, that additional items material to the examination of this application do not exist, or that any one or more of these citations constitute prior art under 35 U.S.C. 102.

The Examiner's attention is respectfully directed to the following U.S. Patents:

<u>Pat. No.</u>	<u>Pat. Title</u>	<u>Grant Date</u>
6,262,453	DOUBLE GATE-OXIDE FOR REDUCING GATE-DRAIN CAPACITANCE IN TRENCHED DMOS WITH HIGH-DOPANT CONCENTRATION BURIED-REGION UNDER TRENCHED GATE	Jul. 17, 2001
5,424,231	METHOD FOR MANUFACTURING A VDMOS TRANSISTOR	Jun. 13, 1995
DE 199 35 442 C1	VERFAHREN ZUM HEERSTELLEN EINES TRENCH MOS LEISTUNGSTRANSISTORS	Dec. 21, 2000
WO 00/72372A1	TRENCH SEMICONDUCTOR DEVICE HAVING GATE OXIDE LAYER WITH MULTIPLE THICKNESSES AND PROCESSES OF FABRICATING THE SAME	Nov. 30, 2000

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date:

12/18/2003

By:

Anthony C. Murabito  
Reg. No. 35,295

Attorney Docket No.: VISH-8714

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Patent Application

## Patent Application

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Group Art Unit: 2815

Filed: August 10, 2001

Examiner: Ortiz, Edgardo

Serial No.: 09/927,320

Title: TRENCH MIS DEVICE WITH REDUCED GATE-TO-DRAIN CAPACITANCE

## Form 1449

## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	6,262,453	7/17/01	Hshieh	257	341	4/24/98
	B	5,424,231	6/13/95	Yang	437	40	8/9/94
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L	199 35 442	12/21/00	DE	H011	21/336		
	M	00/72372	11/30/00	WO	H011	21/336		
	N							
	O							
	P							
	Q							

## Other Documents

Examiner Initial		No.	Author, Title, Date, Place (e.g. Journal) of Publication
		R	
		S	
		T	
Examiner			Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.